

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1813157
<b>Application Number:</b>	10814095
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7280
<b>Title of Invention:</b>	Multicarrier receivers and methods for separating transmitted signals in a multiple antenna system
<b>First Named Inventor/Applicant Name:</b>	Sumeet Sandhu
<b>Customer Number:</b>	21186
<b>Filer:</b>	Joseph P. Mehrle/Anne Richards
<b>Filer Authorized By:</b>	Joseph P. Mehrle
<b>Attorney Docket Number:</b>	884.B51US1
<b>Receipt Date:</b>	25-MAY-2007
<b>Filing Date:</b>	30-MAR-2004
<b>Time Stamp:</b>	15:49:44
<b>Application Type:</b>	Utility

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$180
RAM confirmation Number	820
Deposit Account	190743

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:  
 Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part/.zip	Pages (if appl.)
1		b51expartequayleSIGNED.pdf	393571	yes	20
<b>Multipart Description/PDF files in .zip description</b>					
<b>Document Description</b>		<b>Start</b>	<b>End</b>		
Miscellaneous Incoming Letter		1	1		
Response after Ex Parte Quayle Action		2	2		
Claims		3	12		
Applicant Arguments/Remarks Made in an Amendment		13	14		
Drawings		15	17		
Information Disclosure Statement (IDS) Filed		18	20		

**Warnings:**

**Information:**

2	Foreign Reference	b51docforIDS.pdf	361988	no	6
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**Warnings:**

**Information:**

3	NPL Documents	b51linear.pdf	6651129	no	157
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**Warnings:**

**Information:**

4	NPL Documents	b51paulraj.pdf	182968	no	4
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**Warnings:**

**Information:**

5	NPL Documents	b51rende.pdf	576994	no	5
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**Warnings:**

**Information:**

6	Foreign Reference	b51WO2005029759a2.pdf	2130775	no	37
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**Warnings:**

<b>Information:</b>					
7	Foreign Reference	b51wo2005029759a3.pdf	329789	no	6
<b>Warnings:</b>					
<b>Information:</b>					
8	Fee Worksheet (PTO-06)	fee-info.pdf	8221	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			10635435		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b>New Applications Under 35 U.S.C. 111</b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b>National Stage of an International Application under 35 U.S.C. 371</b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b>New International Application Filed with the USPTO as a Receiving Office</b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					